

Patent Claims

1. Sanitary fitting, with
  - 1.1 a valve body (1),
  - 1.2 a mixer cartridge (3) located in the valve body (1), which
    - 1.2.1 features an operating shaft (7),
    - 1.3 an operating grip (8, 18) for operating the mixer cartridge (3), which
      - 1.3.1 can be connected with the operating shaft (7) of the mixer cartridge (3),
    - 1.4 a locking device for securing the operating grip (8, 18) connected with the operating shaft (7) against removal, same device
      - 1.4.1 is formed such that it does not act between the operating grip (8, 18) and the operating shaft (7).
  2. Sanitary fitting according to claim 1, wherein the locking device at least features two interacting locking elements, of which, the one is provided on the operating grip (8, 18) and the other is provided on the valve body (1).
  3. Sanitary fitting according to claim 2, wherein the locking element located on valve body (1) forms a part of the means of fixing the mixer cartridge (3).
  4. Sanitary fitting according to claim 2 or 3, wherein the locking element located on valve body (1) is a part of valve body (1).
  5. Sanitary fitting according to one of claims 2 to 4, wherein the locking element located on valve body (1) is a part of the outlet (11) of the sanitary fitting.
  6. Sanitary fitting according to one of claims 2 to 5, wherein the locking element located on valve body (1) is a sleeve (4, 24).

7. Sanitary fitting according to one of claims 2 to 6, wherein the locking element located on valve body (1) is a union nut.
  8. Sanitary fitting according to one of claims 2 to 7, wherein the locking element located on the operating grip (8, 18) is a flange (10).
  9. Sanitary fitting according to one of the preceding claims, wherein the surface facing away from the mixer cartridge (3) on the locking element of the operating grip (8, 18) is a part of either a cylindrical surface or a spherical surface.
  10. Sanitary fitting according to claim 8 or 9, wherein the flange (10) is formed such that it covers the passage opening for the operating shaft (7) preferably in all possible positions of the mixer cartridge (3).
  11. Sanitary fitting according to one of claims 2 to 10, wherein a seal is located between the two locking elements of the locking device.
  12. Sanitary fitting according to claim 11, wherein a seal is located on the side of locking element with fitting
  13. Sanitary fitting according to claim 11 or 12, wherein the seal features a section with sliding surface finish.
  14. Sanitary fitting according to one of the preceding claims, wherein the fixing means of the operating grip (8, 18) on the operating shaft (7) in the circumferential direction is provided between these two parts.
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